SHCHEPETOV, A., kand.tekhn.nauk

Use local binding materials in construction. Stroitel' no.10: 14 O '59. (MIRA 13:2)
(Binding materials)

SHCHEPETOV, A.M., kand.tekhn.nauk

Various methods for making slag concrete bricks. Stroi.prom. 27 no.9:16-17 S '59. (MIRA 13:2)

1. TSentral'nyy nauchno-issledovatel'skiy institut promyshlennykh sooruzheniy.
(Slag) (Concrete blocks)

SHCHEPETOV, A.M., kand.tekhn.nauk; ISAKOVICH, G.A., inzh.

Production of plastic-type concrete and its use in construction.
Stroi.mat. 6 no.5:4-7 My '60. (MIRA 13:7)
(Concrete)

SHCHEPETOV, A.M., kand. tekhn. nauk; KOPELYANSKIY, G.D., nauchnyy red.; SHPAYER, A.L., red. izd-va; ABRAMOVA, V.M., tekhn. red.

[Production of local binding materials] Proizvodstvo mestnykh viazhushchikh materialov. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 112 p. (MIRA 14:8)
(Binding materials)

S/812/61/000/005/002/005

AUTHORS: Skramtayev, B. G., Doctor of Technical Sciences, Shchepetov, A. M., Candidate of Technical Sciences, Isakovich, G. A., Engineer.

TITLE: Light-weight macroporous synthetic-resin concrete.

SOURCE: Akademiya stroitel'stva i arkhitektury SSSR. / Institut novykh stroitel'nykh materialov. Sbornik trudov. no.5. 1961. Novyye stroitel'nyye polimernyye materialy. pp. 38-47.

TEXT: The paper reports the results of experimental work on macroporous (MP) concrete that serves as the heat-insulating layer in wall panels. The senior author had previously shown that, regardless of the presence of large-diameter open pores, the thermal conductivity of such material is primarily determined by the weight per unit volume of the material, which renders grain size, degree of compaction, etc., as such, insignificant as thermal-conductivity parameters. The substantial air-permeability of MP concrete renders plastering on both sides necessary. Thus, a reduction in weight of MP concrete through the use of light-weight fillers and highly adhesive binders permits the making of thermally highly insulating concretes with relatively good strength properties. This can be achieved with thermosetting (TS) synthetic resins (SR), but at a high cost. Hence, concretes with

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minimal quantities of SR only can be given consideration. This requirement is met largely by the MP "keramzit" (porous-clay-filler) concrete developed by the authors, in which kernels of keramzit gravel are bound by TS SR; the gravel has a small specific surface area of 4-15 cm^2/g and a low weight per unit volume (300-450 kg/m^3), both of which render it economical in its use of resin binder and effective as an insulating building material. Other light-weight fillers (listed) have greater specific surface areas and, hence, tie up greater quantities of costly binder. Among the SR, the phenol-formaldehydes (PF) are most suitable for water- and atmospheric-action resistance and mechanical properties. The present tests were made on HCM-11 (NSM-11) resin, developed by the new-building-materials lab of Glavmosoblstroymaterialov (Main Moscow Oblast Administration of Building Materials) and the experimental factory of the April Plant. Initial material: Cyclohexanol ($C_6H_{11}OH$) obtained by electrolytic hydration of phenol (C_6H_5OH). Characteristics of NSM-11: spec. grav. 1.13-1.15 g/cm^3, viscosity 6-10 centipoises, free-phenol content 6-7%, dry residue 58.6-61.4%. The unit consumption of SR is governed primarily by the filler-grain size and the required binder-film thickness, which, in turn, depends on the viscosity and the physico-mechanical properties of the SR. The viscosity of the SR should not be so low that it can run off the grains of the filler during forming and heat treatment, neither should it be so high that it could prevent the formation of a good contact because of excessive surface tension.

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Light-weight macroporous synthetic-resin concrete. S/812/61/000/005/002/005

The optimal thickness as determined experimentally is 0.15-0.25 mm. An empirical equation is provided for the amount of commercial resin per m^3 of concrete in terms of the uncompacted (freely poured) and the solid weight of filler per unit weight, the thickness of the binder film, the specific gravity of the resin, and the mean filler-grain radius. A formula is provided for the latter in terms of the percentual content in the filler mix of grains of a given fraction and the retaining and the passing meshes which determine the size of the grains of the given fraction. A correction factor (as large as 50% in keramzit) must be added in the first formula to allow for the filling of the apertures on the surface of the filler. A finely comminuted addition to the resin increases the total binder volume and improves its retention on the grain surface, especially during the initial period of the heat treatment. Of the several admixtures tested, ground sand added in the amount of 50-100% of the resin weight was optimal. The particle size of the ground sand must not be greater than the size of the open pores on the filler surface, since otherwise the particles remain on the surface of the "keramzit," whereas the SR flows into the pores, so that the SR consumption is increased and the strength of the concrete is reduced. The preparation of the keramzit-plastic-concrete is described. Requirements governing the selection of the resin hardener (if any is required) are discussed. In PF SR, in which setting is accomplished without hardeners by heating alone, the porosity produced by water-vapor formation requires that heating proceed

Card 3/5

at a slow rate and not exceed a T 15-20° below that at which significant amounts of water vapor are emitted. Addition of formaldehyde and organic acids will accelerate hardening of PF resins; the hardening pH must be of the order of 5.5-6.5. The process of mixing of the resin with hardener and finely-ground mineral additive is described, followed by specifications for the sucking of the heat carrier through the porous concrete material to accelerate the heat-curing process within the highly heat-insulating material. In view of the relatively small mechanical strength of the filler, the strength of the concrete as a whole depends but little on the amount of SR in it (beyond a prescribed minimum of SR required for effective bonding). Compression tests showed failure within the keramzit grains, not at their mutual points of contact. Hence, any further addition of bonding SR would be futile. The weight per unit volume of MP keramzit concrete depends primarily on the weight of the keramzit filler and only insignificantly on that of the binder. The low weight per unit volume and relatively high strength of MP keramzit concrete renders it suitable for use as a heat-insulating material in multi-layered panel constructions and, because of its low resin consumption and low cost, affords competition as an intermediate rigid heat-insulating material for installation directly inside the outer reinforced-concrete structure layer and as a support for interior plastering. In low buildings the MP keramzit concrete can also serve for selfsupporting walls and in framework buildings for filler walls. There are 5 figures, 3 tables, and

Light-weight macroporous synthetic-resin concrete. SV/512/61/000/005/002/005

4 references (3 Russian-language Soviet and 1 French by Lévy, Un matériel commode et économique, le béton caverneux. "Bâtir," no.35, Nov.1953, 3-9.

ASSOCIATION: None given.

Card 5/5

MOROZOV, N.V., kand.tekhn.nauk; SHCHEPETOV, A.M., kand.tekhn.nauk;
TSIMBLER, V.G., inzh.; ISAKOVICH, G.A., inzh.

Use of plastic-type concretes as insulators for wall slabs.
Stroi.mat. 8 no.7:15-18 Jl '62. (MIRA 15:8)
(Concrete) (Insulation (Heat))

SHCHEPETOV, A.V., inzhener; KATSOVICH, A.D., inzhener.

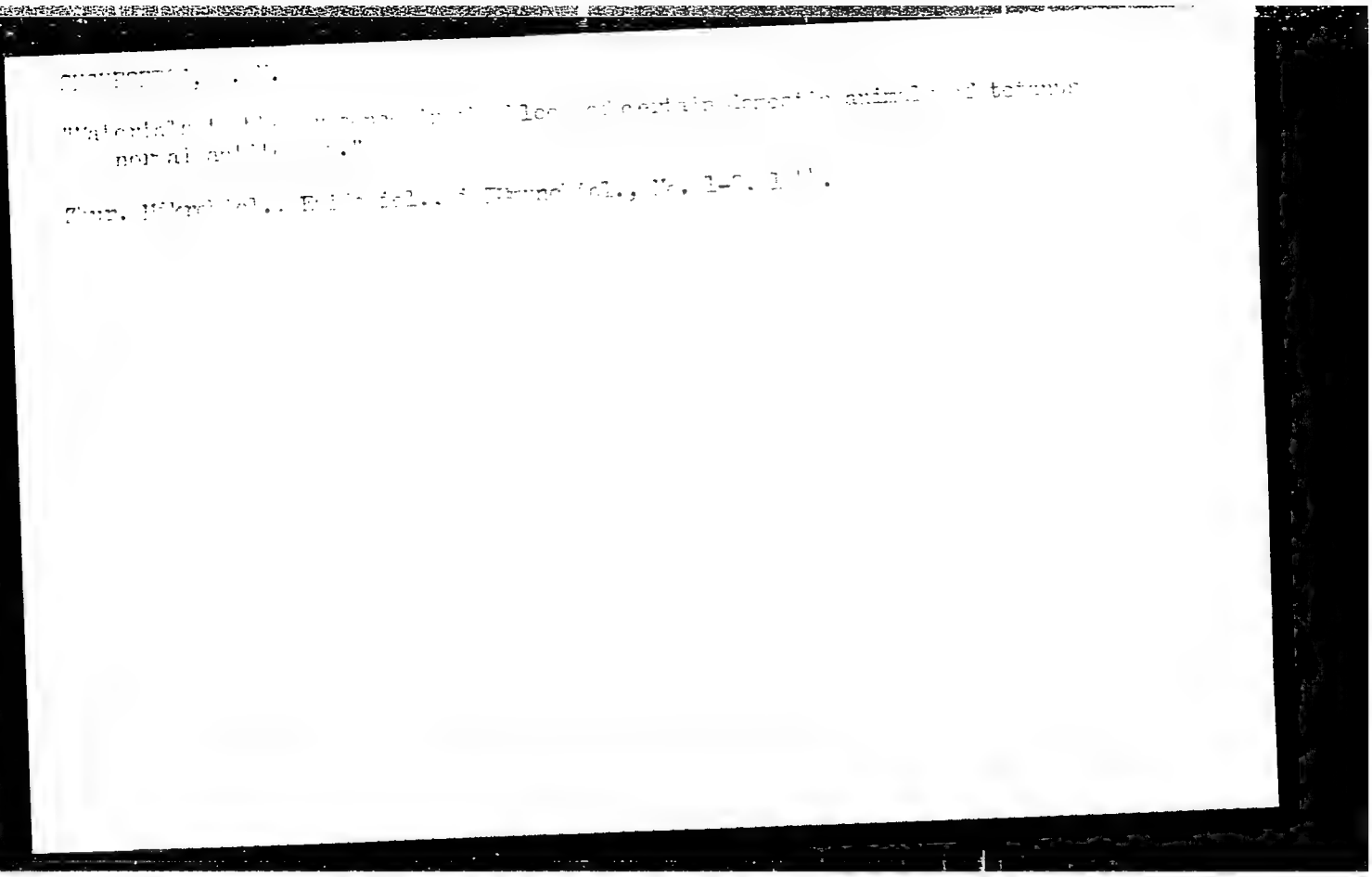
Hydromechanization in mine systems of the Ministry of the Building Materials Industry. Biul.strei.tekh. 9 no.2:22-24 Ja '52.(MLRA 9:4)

1.Stroygidromekhanizatsiya.
(Hydraulic mining)

NEKRUTMAN, Semen Veniaminovich; FAYERSHTEYN, Yuliy Oskarovich; FILIPENOK, Petr Andreyevich; TSYPLAKOV, Nikolay Vasil'yevich; SHCHEPETOV, Al'bert Viktorovich; BAKRADZE, Yu.M., inzh., retsenzent; BRAYLOVSKIY, N.G., inzh., red.; NEDVEDEVAM N.A., tekhn. red.

[Multiple-unit train cars with machine refrigeration] Sektsii vagonov s mashinnym okhlazhdeniem. Moskva, Transzheldorizdat, 1963. 386 p. (MIRA 16:5)

(Refrigerator cars)



USSR/Medicine - Diphtheria, Immunity Jul 1946
Medicine - Serotherapy

"The Presence of a Natural Diphtheria Antitoxin in the Blood of Oxen and a Practical Use of This Substance in the Production of Antidiphtheric Serum," Prof F. N. Shchepetov, 1½ pp

"Priroda" No 7

During experiments to determine a new antibody to anthrax the Moscow Institute imeni Mechnikov received several oxen which on examination showed material in their blood which had antitoxic characteristics with respect to diphtheria. Author describes the experiments and some of the results obtained. Concludes [illegible] the statement that this factor, natural formation of diphtheria antitoxin, will be most useful for the manufacture of antidiphtheric serum.

36T65

SHCHEPETOV, F. N., Prof

USSR/Medicine - Immunity Aug 1946
Medicine - Anthrax

"Milk of Hyperimmune Cows as a Factor of Passive Immunity," Prof F. N. Shchepetov, 1 p

PA 36T63

"Priroda" No 8

In the course of studies on anthrax many experiments were conducted with hyperimmune cows, primarily at the Moscow Institute imeni Mechnikov. The article lists some 14 points obtained from the results of immunity tests carried out on these hyperimmune cows. One of the most interesting facts disclosed was that the presence of antibodies in the blood was in almost every case an indication that these antibodies were present in most of the important organs of the body, as well as in the milk.

36T63

USSR/Medicine - Immunity (Contd) Aug 1946

ID

SHCHEPETCV, F. N., Prof

ID

36T63

TA 66/49T53

SHCHEPETOV, F. N.

USSR/Medicine - Antibodies Apr 49
Immunity

"Normal Blood Elements - Carriers of Protective, Immune Bodies," Prof Dr F. N. Shchepetov, ½ p

"Vet" No 4

Antibodies, occurring in the blood serum of hyperimmune animals, can be absorbed into erythrocytes from which tetanus antitoxic matter can be extracted and processed to obtain the desired titer.

66/49T53

Shchepetov, F. N.

T-1

USSR/General Problems of Pathology - Immunity.

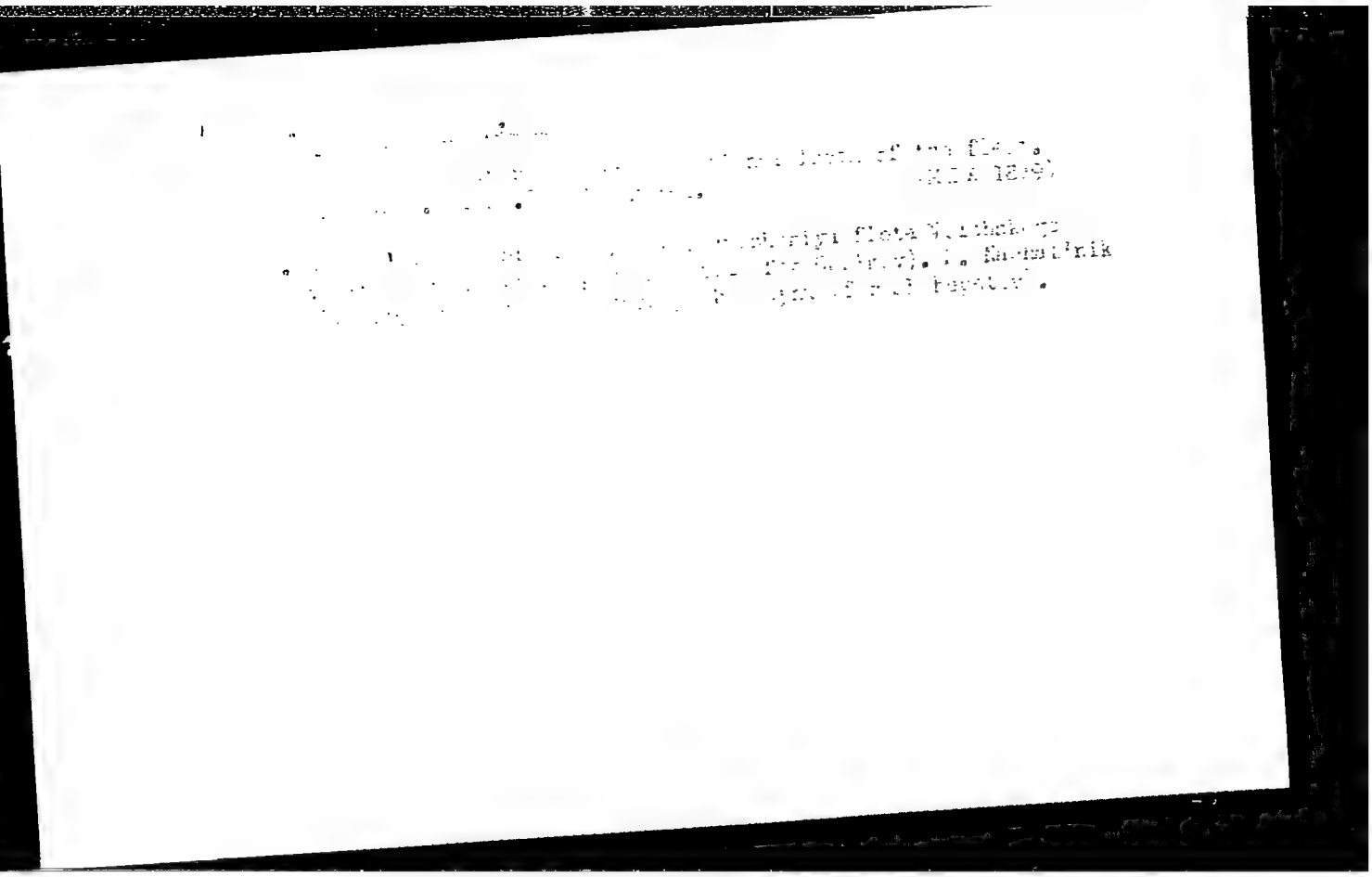
Abs Jour : Ref Zhur - Biol., No 1, 1958, 2968

Author : F.N. Shchepetov.
Inst : -
Title : Immune Milk as a Factor of Passive Immunity (on the Problem of Utilization of [illegible] as Producers of Immune Milk for Its Application for the Purpose of Prophylaxis in Childhood Infections.

Orig Pub : Tr. Stalingr. s.-kh. in-ta, 1955, 6, 236-247

Abstract : No abstract.

Card 1/1



SHCHEPETOV, I.

Increase the profitableness of passenger transportation. Rech. transp. 19 no. 6:41-42 Je '60. (MIRA 14:2)

1. Kapitan teplokhoda "Mikhail Kutuzov."
(Inland water transportation--Accounting)

SHCHEPETOV, I., kapitan-nastavnik; OL'SHAMOVSKIY, S., inzh.

Peculiarities of handling "Rodina"-type ships for navigation on the Volga-Don waterway. Rech. transp. 19 no.10:50-52 O '60. (MIRA 13:11)

1. Volzhskoye ob"yedinennoye parokhodstvo. (Volga-Don Canal--Navigation) (Ship handling)

SHCHEPETOV, I.A.

Increase the profit in passenger transportation. Rech.transp. 18 no.7:44-45 Jl '59. (MIRA 12:11)

1. Kapitan teplokhoda "Mikhail Kutuzov." (Inland water transportation)

NIKOLIN, A.V., glav. revizor po bezopasnosti sudokhodstva, red.; PIROZHKOV, N.I., kapitan-nastavnik, red.; POLETAYEV, L.A., kapitan-nastavnik, red.; KOZIN, N.A., kapitan, red.; KUZNETSOV, B.Yu, kapitan, red.; TARASOV, A.G., kapitan, red.; VYKHODTSEV, P.K., red.; PER'YAKOV, V.V., red.; SIDOROV, F.G., red.; SOLOV'YEV, V.B., red.; SHIRINKIN, A.D., red.; SHCHEPETOV, I.A., red.; SMIRNOV, F.A., red.; KOSTIN, V.F., red.; SAVOSTIN, N.D., red.; FILYASOV, K.A., red.; IVANOV, A.I., red.; LOBANOV, Ye.M., red.izd-va; REMNEVA, T.T., tekhn. red.

[Rules for the navigation on inland shipping routes of the R.S.F.S.R.] Pravila plavaniia po vnutrennim sudokhodnym putiam RSFSR. Vvedeny v deistvie s 15 marta 1963. g. prikazom ministra rechnogo flota No.33 ot 28 fevralia 1963. g. Moskva, Izd-vo "Rechnoi transport," 1963. 98 p. (MIRA 16:6)

1. Russia (1917- R.S.F.S.R.) Ministerstvo rechnogo flota. (Inland navigation--Laws and regulations)

VLADIMIROV, Nikolay Petrovich; CHERNYSHOV, Ivan Alekseyevich; BELOGLAZOV, Vasiliy Ivanovich; PUSHKAREV, Leonid Vasil'yevich; ZERNOV, S.A., inzh., retsenzent; AGAFOV, A.D., kapitan, retsenzent; PYATLIN, A.A., kapitan, retsenzent; BAKULIN, P.F., kapitan, retsenzent; MOSKVIN, S.V., kapitan-nastavnik, retsenzent; POKOCHKIN, Ye.M., red.; MAKRUSHINA, A.N., red.

[Special sailing directions for the Volga-Kama and Don River basins; Moscow Canal, Volga river from the Ivankovo Hydraulic Development Complex to Bertyul', Kama River from the city of Perm to its estuary, Volga-Don Canal, TSimlyansk Reservoir, and the Don River from the TSimlyansk Reservoir to the city of Rostov] Spetslotsiia Volzhsko-Kamskogo i Donskogo basseinov; kanal im. Moskvy, r. Volga ot Ivan'kovskogo gidrouzla do nas. p. Bertiul', r. Kama ot g. Perm' do ust'ia, Volgo-Donskoi kanal im. V.I.Lenina, TSimlianskoe vodokhranilishche i r. Don ot TSimlianskogo vodokhranilishcha do g.Rostov. Moskva, Transport, 1964. 288 p. (MIRA 17:10)

SHCHEPETOV, M.F.: MAZINA, Ye.G.

Out-of-town session of the Yaku branch of the Tuberculosis Institute of the Academy of Medical Sciences of the U.S.S.R. (MLRA 9:5)
Probl. tub. 34 no.1:67-68 Ja-F '56

(TUBERCULOSIS)

MAZINA, Ye.G., kandidat meditsinskikh nauk; SHCHEPETOV, M.F., zasluzhennyy vrach RSFSR i Yakutskoy ASSR.

Out-of-town session of the Yakut branch of the Institute of Tuberculosis of the Academy of Medical Sciences of the U.S.S.R. Probl.tub. 35 no.1:114-115 '57. (MLRA 10:6)
(TUBERCULOSIS)

SHCHEPETOV, M.F., kand.med.nauk

Methods for tuberculosis control in the rural areas of the Yakutian A.S.S.R. Vop. epid. i klin. tub. 5:17-32 '58. (MIRA 14:12)
(YAKUTIA--TUBERCULOSIS--PREVENTION)

SHCHEPETOV M.F., kand.med.nauk

Tuberculosis control work in rural areas of the Yakut A.S.S.R. [with summary in French]. Probl.tub. 36 no.6:3-8 '58 (MIRA 11:10)

1. Iz Yakutskogo filiala (dir. Ye.N. Andreyev) Instituta tuberkuleza AMN SSSR.
(TUBERCULOSIS, prev. & control.
in Russia, in rural areas (Rus))

ANDREYEV, Ye.N., kand.med.nauk, zasluzhennyy vrach RSFSR i Yakutskoy ASSR, red.; MAZINA, Ye.G., kand.med.nauk, zasluzhennyy vrach RSFSR i Yakutskoy ASSR, red.; SHCHEPETOV, M.F., kand.med.nauk, zasluzhennyy vrach RSFSR i Yakutskoy ASSR, red.; D'YACHKOVSKAYA, L.S., red. izd-va; SOLOV'YEV, Ye.P., tekhn.red.

[Tuberculosis; manual for physicians] Tuberkulez; posovie dlia vrachei. IAkutskoe knizhnoe izd-vo, 1959. 167 p. (MIRA 14:5)

1. Akademiya meditsinskikh nauk SSSR. Institut tuberkuleza. Yakutskiy filial.

(TUBERCULOSIS)

ANDREYEV, Ye.N., kand.med.nauk; SHCHEPETOV, M.F., kand.med.nauk

Present conditions and prospects for intensifying the campaign against tuberculosis in the Yakut A.S.S.R. Zdrav. Ros. Feder. 6 no.2:17-22 F '62. (MIRA 15:3)
(YAKUTIA--TUBERCULOSIS)

SHCHEPETOV, M. F., kand. med. nauk

Changes in the epidemiology and clinical aspects of tuberculosis in the Uakutian A.S.S.R. Probl. tub. no.2:8-11 '62.
(MIRA 15:2)

1. Iz Yakutskogo filiala (dir. - kandidat meditsinskikh nauk Ye. N. Andreyev) Instituta tuberkuleza AMN SSSR (dir. - chlen-korrespondent AMN SSSR prof. N. A. Shmelev)

(YAKUTIA--TUBERCULOSIS)

ANDREYEV, Ye.N., kand. med. nauk, red.; LYUBIMOV, P.V., red.; MAZINA, Ye.G., red.; TEKUNOV, V.S., red.; SHCHEPETOV, M.F., kand. med. nauk, red.; D'YACHKOVSKAIA, L.S., red. izd-va; YEGOROVA, A.V., tekhn.red.

[Data of the Interprovince Conference on the Exchange of Experience in the Organization of Antituberculosis Aid in Regions of the Far North] Materialy Mezhoblastnogo soveshchaniia po obmenu opytom organizatsii protivotuberkuleznoy pomoshchi v rayonakh Kraynego Severa. IAkutsk, IAkutskoe knizhnoe izd-vo, 1963. 150 p. (MIRA 16:10)

1. Mezhoblastnoye soveshchaniye po obmenu opytom organizatsii protivotuberkuleznoy pomoshchi v rayonakh Kraynego Severa. 2. Nachal'nik otdela protivotuberkuleznoy pomoshchi Ministerstva zdravookhraneniya RSFSR (for Tekunov). 3. Ministr zdravookhraneniya Yakutskoy ASSR (for Lyubimov).
(SOVIET FAR NORTH--TUBERCULOSIS--PREVENTION)

SHCHEPETOV, M.F.

Interprovince conference on the exchange of experience in the organization of antituberculosis aid in the regions of the Far North. Probl. tuberk. 41 no.4:85-88 '63 (MIRA 17:2)

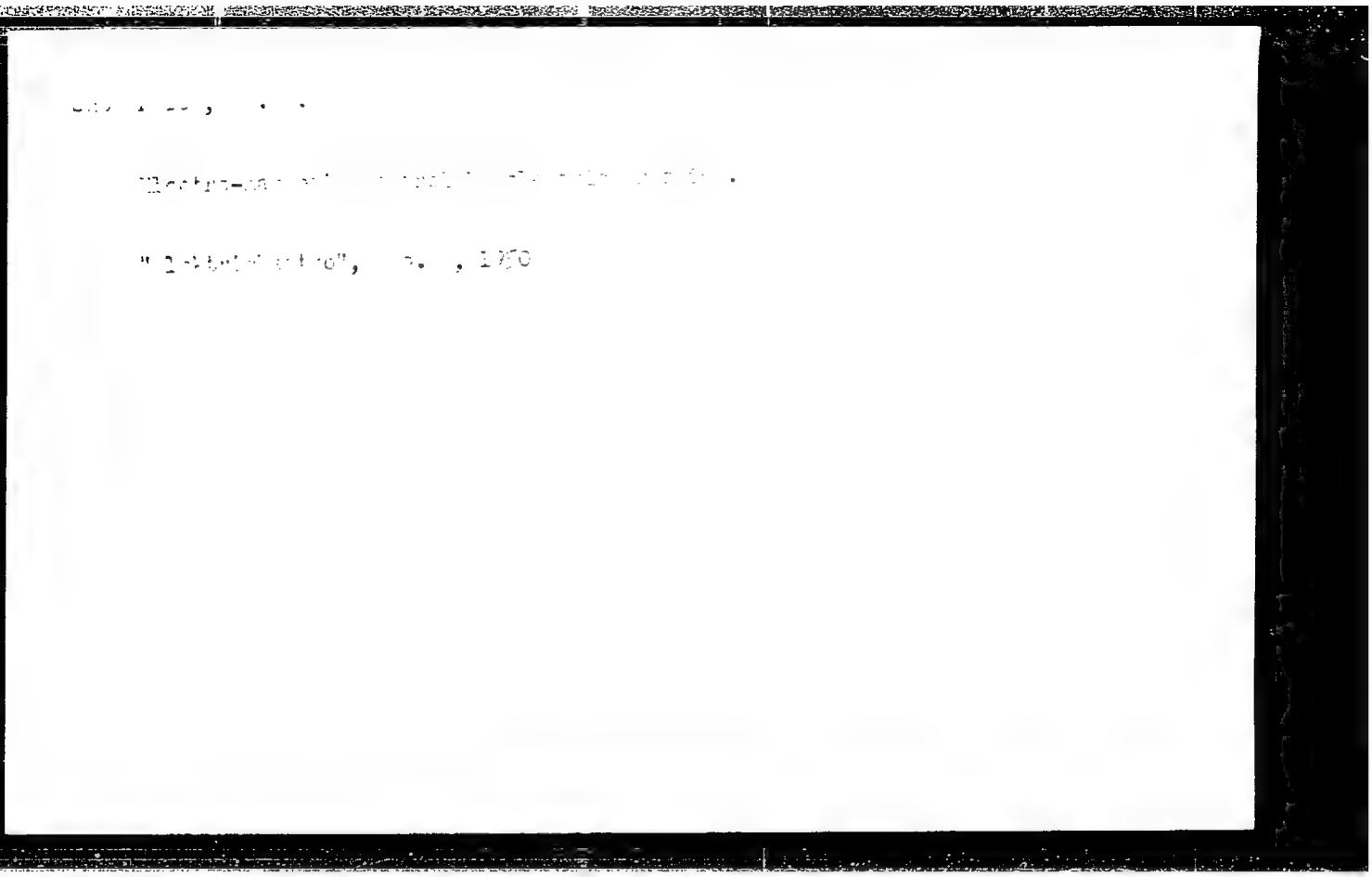
MAZINA, Ye.G., [illegible], M.F., MOCHALOVA, T.I., kand.med.nauk

Congresses, conferences, scientific societies. Probl. tub. 42 no.3:91-94 '64. (MIRA 18:1)

SOFINSKIY, I.D.; BLOKHIN, P.N.; GEL'BERG, L.A.; ZHDANOV, P.M.; IVASHCHENKO, I.P.; LEVINA, G.P.; NAUMOVA, N.A.; SMIRNOV, N.S.; ARONOVA, R.I.; NIKOLAYEV, N.A.; SHERENTSIS, A.A.; KOVALEVSKIY, I.I.; LOBACHEV, P.V.; SLADKOV, S.P.; DZIGAN, A.V.; FORAFONOV, N.K. Prinimali uchastiye: ARGANSKIY, A.S.; ASMUS, Ye.N.; BEZHALOVA, Ye.M.; BOGATYKH, Ya.D.; BURENIN, V.A.; GOL'DING, N.P.; DOMSHLAK, I.P.; MOSKALEV, S.A.; RABINOVICH, S.G.; ROGOVSKIY, L.V.; KHOKHLOVA, L.P.; SHESTOPAL, N.M.. RUBANENKO, B.R., glavnyy red.; GALKIN, Ya.G., zamest.glavnogo red.; SAPRYKIN, V.A., red.; SHCHEPETOV, V.M., red.; NOVITCHENKO, K.M., nauchnyy red.; VILKOV, G.N.,inzh., red.izd-va; TYAPKIN, B.G., red. izd-va; EL'KINA, E.M., tekhn.red.

[Building your own home] Spravochnik individual'nogo zastroishchika. Moskva, Gos.izd-vo lit-ry po stroit.materialam, 1958. 442 p. (MIRA 12:2)

1. Akademiya stroitel'stva i arkhitektury SSSR.
(Building)



Subject : USSR/Electricity AID P - 1213

Card 1/1 Pub. 27 - 8/34

Author : Shchepetov, V. N., Kand. of Tech. Sci., Moscow

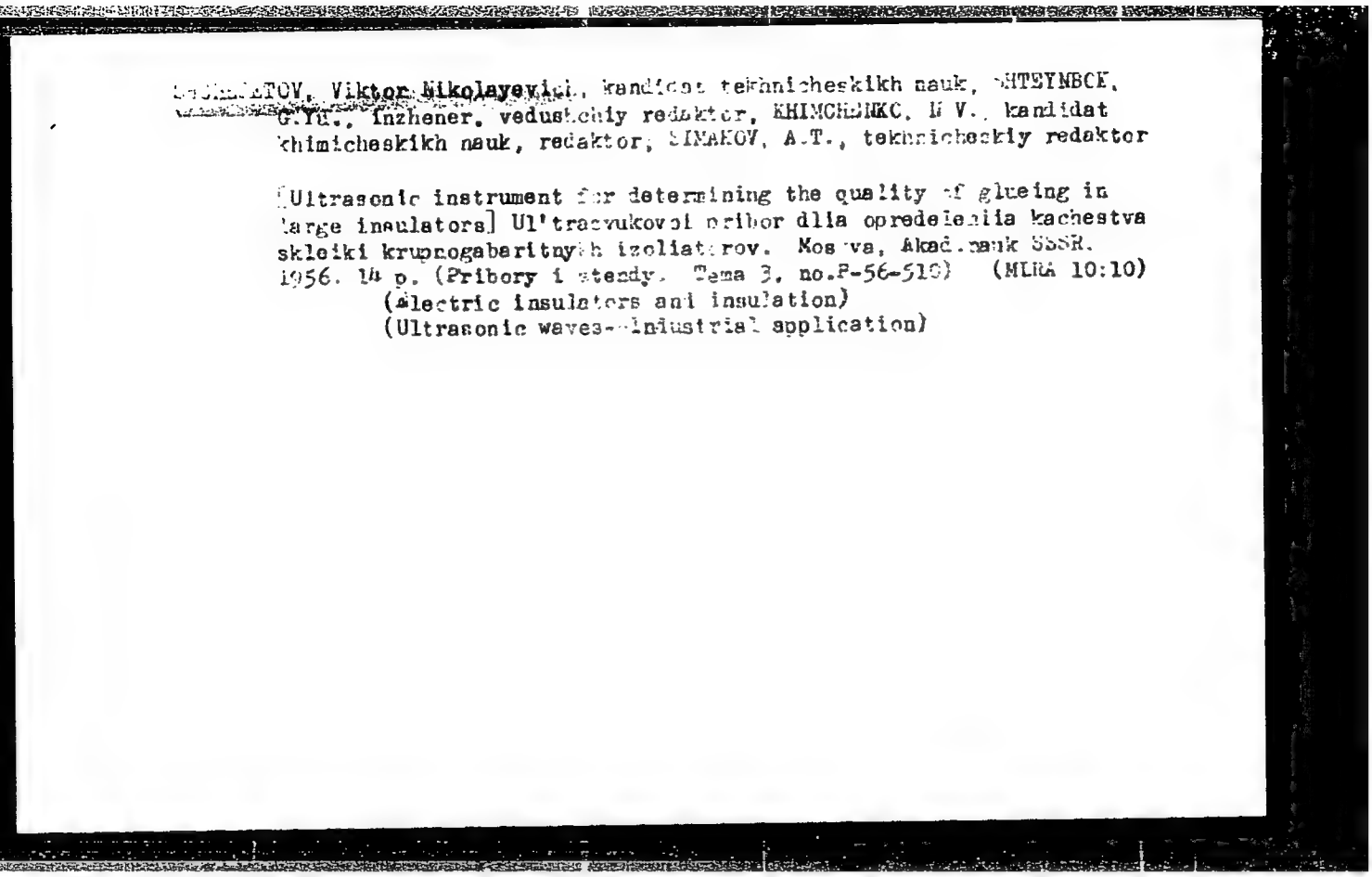
Title : Supersonic method to determine flaws in large size insulators

Periodical : Elektrichestvo, 12, 38-44, D 1954

Abstract : The author describes a supersonic apparatus, the "Defektoskop", used for detection of defects in porcelain insulators for high voltage bushings (for 110-220 and 400 kv). The apparatus is based on the capacity of ultrasonic oscillations to penetrate deep into hard bodies. These oscillations have a high coefficient of reflection from internal surfaces created by structural defects. The author gives a description of his tests. 13 photographs, drawings and diagrams. Five Russian references (1, 1929, 4, 1948-52).

Institution : None

Submitted : Mr 26, 1954



[illegible]TOV, Viktor Nikolayevich, kandidat tekhnicheskikh nauk, SHTEYNBOK, G.Yu., inzhener, vedushchiy redaktor, KHIMCHENKO, N.V., kandidat khimicheskikh nauk, redaktor, SINAKOV, A.T., tekhnicheskiy redaktor

[Ultrasonic instrument for determining the quality of glueing in large insulators] Ul'trazvukovoi pribor dlia opredeleniia kachestva skleiki krupnogabaritnykh izoliatorov. Moskva, Akad.nauk SSSR. 1956. 14 p. (Pribory i stendy. Tema 3, no.P-56-510) (MLRA 10:10)
(Electric insulators and insulation)
(Ultrasonic waves--Industrial application)

SHCHEPETOV, V.N.

Standardization of ultrasonic oscillators and converters. Standartizatsiia 24 no.7:20-24 Jl '60. (MIRA 13:7)
(Ultrasonic waves--Industrial applications)
(Oscillators, Electron-tube--Standards)

ACCESSION NR: AP4011324 S/0292/64/000/002/0018/0018

AUTHOR: Shchepetov, V. N. (Candidate of technical sciences)

TITLE: Standardization of electrical equipment

SOURCE: Elektrotekhnika, no. 2, 1964, 18

TOPIC TAGS: standardization, electrical equipment standardization, electrical standard, OST standard, GOST standard, RTM directive, MRTU specifications, RTU specifications, STU specifications, technical specifications

ABSTRACT: Over 600 standards have been in force in power engineering, electronics, and communication; one-half of them were adopted over 5 years ago, one-quarter over 10 years ago, and some have been in use for over 25 years. Many of these standards have become obsolete and must be replaced by new ones; much equipment never before standardized (large turbine generators, ultrasonics equipment, 100,000 types and sizes of transformers) needs standardization.

Card 1/2

ACCESSION NR: AP4011124

These quasi-standard "documents" have been used: machine-building normals, interdepartmental, departmental, industry-branch, factory, and Sovnarkhoz normals; technical directives (RTM); inter-Republic (MRTU), Republic-wide (RTU), Sovnarkhoz (STU), and simple specifications (TU) of various plants, ministries, etc. Recently, a new document, "Tipazh" (type specification), has come into use. The author suggests that all the above standards and quasi-standards be supplanted by new GOSTs covering all varieties of electrical equipment. Orig. art. has: no figures, no formulas, and no tables.

ASSOCIATION: none

SUBMITTED: 00 DATE ACQ: 19Feb64 ENCL: 00

SUB CODE: IE NO REF SOV: 000 OTHER: 000

Card 2/2

[redacted], Yu.P., tekhnik; SMIRNOVA, N.I., inzhener.

Elevator with regulated nozzle orifice. Energetik [illegible] (MLRA 10:5)
No. '57.
(Ivanovo--Electric power plants)

1. [illegible], A.
2. USSR (6.0)
4. State Farms
7. State farm beeke ping. Pchelovodstvo, 29, No. 11, 1952

9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

KOVAL'OV, M.M., red.; BAGLER, V.T. [Bahler, V.T.], red.; BILOGAY, V.M. [Bilohai, V.M.], red.; NIKULIN, S.M., red.; SAGAYDAK, Yu.I. [Sahaidak, Iu.I.], red.; SHCHEPILKIN, G.I. [Shchepilkin, H.I.], red.; ZHURBA, S., red.; KOBA, M., red.; KADASHEVICH, O., tekhn.red.

[Second on the Dnieper; accounts by builders of the Kakhovka Hydroelectric Power Station] Druha na Dnipri; rozpovidi budivnykiv Kakhovs'koi GES. Kyiv, Derzh.vyd-vo polit.lit-ry URSR, 1958. 181 p. (MIRA 13:2)
(Kakhovka Hydroelectric Power Station)

SHCHEPET'YEV, A. I., inzhener

Unloading free-flowing materials. Mekh.trud.rab. 9 no.5: 43-44. My '55. (MLRA 8:7)
(Loading and unloading)

SHCHEPET'YEV, A.I., inzhener.

Exhibition of building machinery in London. Mekh.trud.rab.10 no.7: 42-45 Jl '56. (MLRA 9:9)
(London--Building machinery--Exhibitions)

"[illegible] of the Mechanization of Installation and Erection Work in Construction,"

report presented at the 3rd All-Union Conference of Builders, Moscow, 10-12 April 1951.

Stroitel'naya i dorozhno mashinostroyeniye, no. 4, 1951.

SHCHEPET'YEV, A.I., inzh.

Mechanization of assembly and special operations in 1959-1965.
Mekh. stroi. 16 no.1:12-18 Ja '59. (MIRA 12:1)
(Cranes, derricks, etc.)

SHCHEPET'YEV, A.I., inzh.; KOZLOVSKIY, L.I., inzh.

Truck-mounted hydraulic hoist. Mekh.stroi. 16 no.2:15-17 F '59. (MIRA 12:2)

(Hoisting machinery)

S/100/60/000/011/001/005
D282/D301

AUTHOR: Shchepet'yev, A.I., Engineer

TITLE: Machines and equipment for the mechanization of assembling jobs

PERIODICAL: Mekhanizatsiya stroitel'stva, no. 11, 1960, 3-9

TEXT: After the middle of 1959, the rapid introduction of complex mechanization in the field of assembling jobs considerably sped up the construction of numerous industrial enterprises in the Soviet Union. The rolling mill "650" in Nizhne-Tagil'sk was assembled and put into operation within a year; the mill "2800" in Cherepovets - in 13 months, as against 22 months normally required for this job; the blast furnace at the plant in Nizhne-Tagil'sk in 9 months instead of 12 months; the thermal cracking installation at the oil refinery in Novo-Gor'kiy was assembled in 103 working days instead of the planned 6 months. In 1960, the level of complex mechanization attained 98.7% in metal constructions; 87.2% in technological equipment; 84.9% in pipe laying;

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Machines and equipment...

91% in loading and unloading operations. During 1959-60, the enterprises under the Ministry of Construction of the RSFSR produced 34 new types of machines and equipment for the complex mechanization of assembling jobs. As an example, the author describes the new MKG-20 (MKG) crane having a lifting capacity of 20 tons and provided with a 32.5 m long jib. This crane has an auxiliary outfit, whose lifting capacity remains in all cases equal to 3 tons. A multispeed winch with shortened drum, of the same type as used on cranes MSK-3-5-20 (MSK), is used for the main lift; it provides two lifting speeds and three lowering ones. In the rear part of the turning platform the counterweight and diesel-power plant DES-50 (DES) are located. The author gives a detailed description and presents technical specifications for this crane. The next item of mechanized equipment described in this article is a special crane used for assembling cooling tower jackets. Besides the loading winch, at the base of the crane jib, another winch is installed for displacement of the loading carriage; its type is the same as used on cranes BKSM-5-5A (BKSM). The loading winch of this crane has three lifting speeds and three lowering

Card 2/4

Machines and equipment...

ones; it comprises two electric motors, two reductors and a drum with planetary transmission. It is provided with vibration buckets of a 0.5 m^3 capacity and a vibration feeder of a 1.6 m^3 capacity which takes concrete from the dumps. Assembling and dismantling separate construction units is achieved with the aid of an excavator-crane Э-754 (E-754) with a 15 m long jib and two winches having a tractive force of 1.5 tons; alternatively, the excavator-crane Э-505А (E-505A) with a jib 18 m long is used. The author gives a detailed description of this special crane and presents technical specifications for it. The next item described in this article is a borer for drilling holes to the depth of 3 m and 1 m in diameter. Description and specifications for this borer are also given. For lifting two workers together with their instruments when working on high installations, a new type of hydraulic lift ТГП-24 (TGP-24) was constructed. Its kinematic scheme is the same as that of the hydraulic lift АГП-12 (AGP-12) used on automobiles ЗИЛ-164 (ZIL-164); its lifting height is 12 m. The new pipe-bending machine with the heater ТВЧ (TVCh) is a variant of the machine designed by the ВПТИ (VPTI) institute. Induction heater КИН-20 (KIN-20) is used for heating

Card 3/4

round steel bars 40 to 100 mm in diameter and up to 600 mm long. It is provided with a high-frequency installation M 23-102 (M23-102) delivering 2500 hertz. The output of the heater is 300-400 kg of heated metal an hour. Required power - 250 kwt. Weight of the installation - 2257 kg. A machine is shown for hydraulic testing of heating radiators, type M-140. Hydraulic pressure of 10 atm is produced by the three-stage centrifugal pump KCM-30 (KSM-30) driven by a 10 kwt electric motor. Also shown is a monorail track with platforms for handling separate loads used in constructions. Descriptions and specifications of the above machines are given in the article. There are 8 figures and 2 tables.

SHCHEPET'YEV, A.I., inzh.

Equipment for making reinforced concrete socket pressure-pipes.
Mekh.stroi. 17 no.2:16-20 F '60. (MIRA 13:8)
(Water pipes)

SHCHEPET'YEV, A.I., inzh.

Mechanization of specialized and assembly operations. Mekh.stroi. 18 no.7:16-19 Jl '61. (MIRA 14:7)

1. Minstroy RSFSR.

(Building machinery)

SHCHEPET'YEV, A.I., inzh.

Mechanization of specialized and assembly operations. Mekh. stroi. 18 no.9:9-12 S '61. (MIRA 14:10)

1. Ministerstvo stroitel'stva RSFSR.
(Building machinery)

VESELOV, A.A., inzh.; KARNEYEV, N.A., inzh.; KOZLOVSKIY, L.I., inzh.; STEPANOV, A.I., inzh.; TUSHNYAKOV, M.D., inzh.; SHCHEPET'YEV, A.I., inzh.; VDOVENKO, Z.I., red. izd-va; YUDINA, L.A., red. izd-va; KASIMOV, D.Ya., tekhn. red.

[Hoisting and conveying equipment for assembly and specialized operations] Pod"emno-transportnoe oborudovanie dlia montazhnykh i spetsial'nykh rabot. Pod red. A.I.Shchepet'eva. Moskva, Gosstroiizdat, 1962. 634 p. (MIRA 16:5)
(Cranes, derricks, etc.) (Hoisting machinery)
(Conveying machinery)

SHCHEPET'YEV, A.I., inzh.

The problem of the utilization of construction equipment. Mekh. stroi. 19 no.7:5-9 Jl '62. (MIRA 15:7)
(Construction equipment)

ZIMIN, P.A., kand.tekhn.nauk; SHCHEPET'YEV, A.I., inzh.

For further mechanization and use of prefabrication techniques in assembly work. Mekh. stroi. 19 no.10:1-2 O '62. (MIRA 15:12)
(Construction equipment)

[redacted], A.I.

Improve the mechanization of construction. Mekh. stroi. 20 no.9:1-4 S '63. (MIRA 16:10)

1. Chlen Gosstroya SSSR.
(Construction industry)

SHCHERBET'YEV, A.I., inzh.

Decrease the use of manual labor in building. Mekh. stroi. 20 no.11: 1-5 N '63. (MIRA 17:1)

VESELOV, A.A., inzh.; KARNEYEV, N.A., inzh.; KOZLOVSKIY, L.I., inzh.; STEPANOV, A.I., inzh.; TUSHNYAKOV, M.D., inzh.; SHCHEPET'YEV, A.I., inzh.; VOLNYANSKIY, A.K., glav. red.; SUDAKOV, G.G., zam. glav. red.; TARAN, V.D., red.; SEREBRENNIKOV, S.S., red.; MIKHAYLOV, K.A., red.; STAROVEROV, I.G., red.; VOLODIN, V.Ye., red.; NIKOLAYEVSKIY, Ye.Ya., red.

[Hoisting and conveying equipment for assembly and specialized operations] Pod"emno-transportnoe oborudovanie dlia montazhnykh i spetsial'nykh rabot. Izd.2., dop. Moskva, Stroiizdat, 1964. 679 p. (MIRA 18:4)

ZARAKHANI, A.I.; SPEKTOR, A.N.; SHCHEPILOV, F.I.; YUSFIN, Yu.S.; BANNYY, N.P.; POL'KIN, S.I.; POKHVISNEV, A.N.

Technical and economic evaluation of the concentrability of lean iron ore. Izv. vys. ucheb. zav.; chern. met. 8 no.7:23-27 '65. (MIRA 18:7)

1. Moskovskiy institut stali i splavov.

ZAB[illegible], N.[illegible]. SPERKOV, A.N.; SHAPIRO[illegible], [illegible] Ya[illegible]. [illegible]
N.I.; FOL'KIN, S.I.; TOKAREVSKAYA, A.N.

Technical and economic [illegible] of the [illegible]ability
of lean iron ores. Report No.3. Izv. vys. ucheb. zav.,
[illegible] [illegible]
Chern. met. 8 no.9:17-21 '65.

1. Moskovskiy institut stali i splavov.

USSR/Medicine - Lymphangitis Aug 1947
Medicine - Epizootic Diseases

"Measures for the Eradication of Epizootic Lymphangitis in Horses," N. S. Shcheplov, Chief, Veterinary Administration, Novosibirsk Oblast Animal Department 1 p

"Veterinariya" No 8

When the first cases of epizootic lymphangitis broke out in Novosibirsk the veterinarians in that area were too little acquainted with the disease to be able to take effective preventative measures. As a result an organization was set up to study this disease and to determine effective methods for eventual eradication. Article briefly describes the organization which has been set up in the Novosibirsk area.

SHCHEPTLOV, N. S.

LC

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SHCHERBILOV, N. S., Cand. of Vet. Sci.
"Ridding an oblast (krai) from tuberculosis of cattle and chickens"
SO: Veterinariya 28(2), 1951, p. 19

SHCHEPILOV, N.S., kandidat vetrinarnykh nauk.

Tuberculosis culture of the avian type obtained from eggs of hens affected by tuberculosis. Veterinariia 31 no.2:18-21 F '54. (MLRA 7:2)

1. Novosibirskaya NIVOS. (Tuberculosis in poultry)

SHCHEPILOV, N.S., kandidat veterinarnykh nauk.

Tuberculin testing of water fowl. Veterinariia 32 no.9:43-46 S '55. (MLRA 8:12)

1.Novosibirskaya nauchno-issledovatel'skaya veterinarnaya opytnaya stantsiya.

(TUBERCULOSIS IN POULTRY)

SHCHEPILOV, N.S., kandidat veterinarnykh nauk.

Infectious effect of tubercular bacteria on eggs from ducks that show a positive tuberculin reaction. Veterinariia 33 no.5:48-49 My '56. (MLRA 9:8)

1. Novosibirskaya nauchno-issledovatel'skaya veterinarnya opytnaya stantsiya.
(Tuberculosis in poultry) (Ducks)

SHCHEPILOV, N.S.

Tuberculosis culture from the eggs of hens and ducks suffering from tuberculosis. Vet. mikrobiol.epid. i immun. 28 no.7:153-154 Jl '57. (MIRA 10.10)

1. Iz Novosibirskoy oblastnoy veterinarnoy opytnoy stantsii
(MYCOBACTERIUM TUBERCULOSIS) (TUBERCULOSIS IN POULTRY)

SHCHEPILOV, N.S., kandidat veterinarnykh nauk.

Let's carry out compound measures to control tuberculosis in poultry farms. Veterinariia 34 no.3:31-33 Mr '57. (MLRA 10:4)

1. Novosibirskaya nauchno-issledovatel'skaya veterinarnaya stantsiya.
(Tuberculosis in poultry)

SHCHEPILOV, E.S., kandidat veterinarnykh nauk.

Pathoanatomical changes in geese and ducks with tuberculosis.
Veterinariia 34 no.9:55-56 S '57. (MLRA 10:9)

1. Novosibirskaya nauchno-issledovatel'skaya veterinarnaya stantsiya.
(Tuberculosis in poultry)

SHCHEPILOV, N.S., kand. vet. nauk

Diagnosis of tuberculosis in turkey hens. Veterinariia 36 no.11: 22 N '59 (MIRA 13:3)

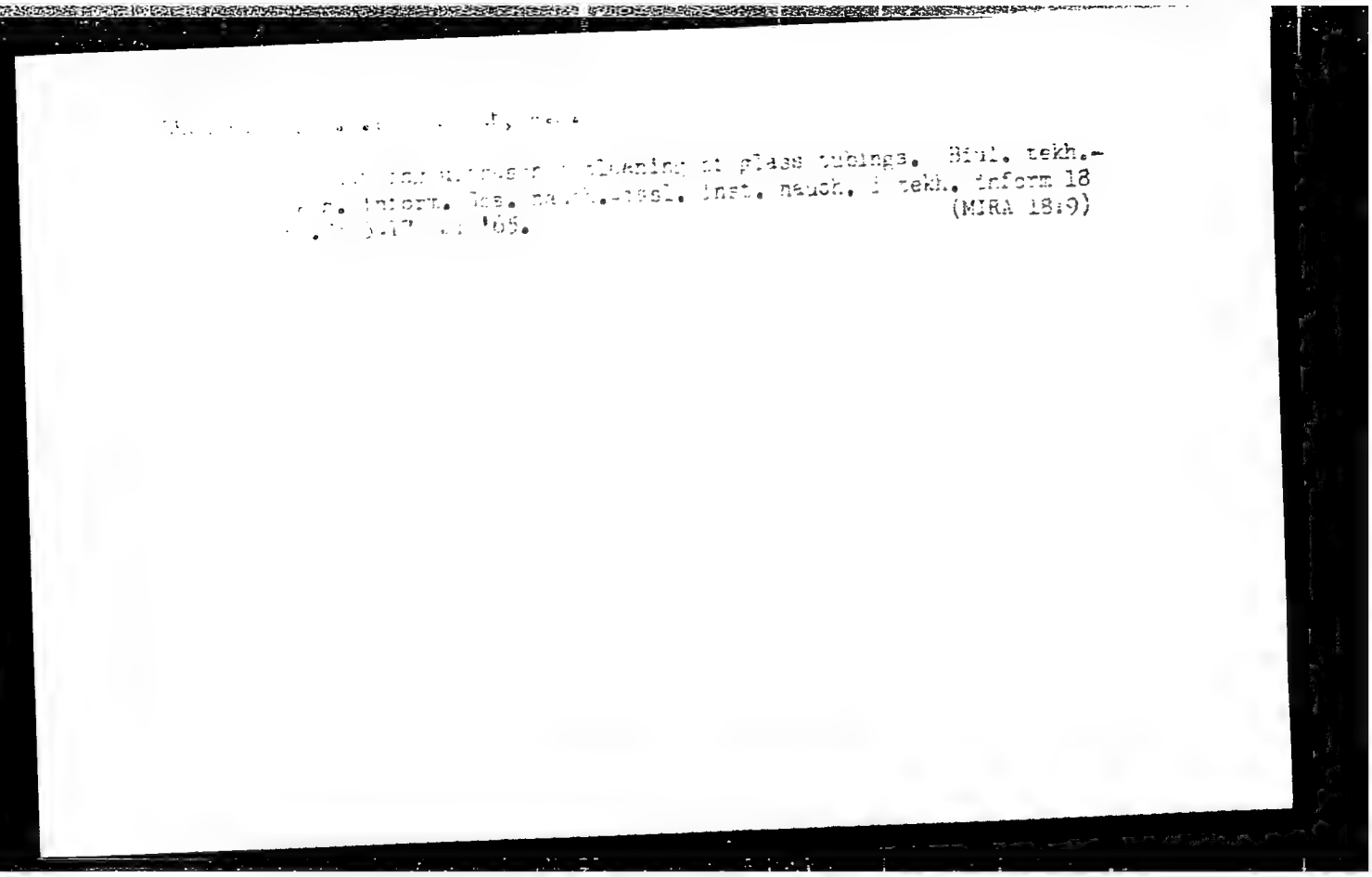
1. Novosibirskaya Nauchno-issledovatel'skaya veterinarnaya stantsiya.
(Tuberculosis in poultry) (Turkeys--Diseases)

SHCHEPILOV, N.S.; SHCHEDRINSKAYA, Z.M.

Effect of designs of pipe-press cores on the quality of molded products. Trudy KhPI 31 no.1:91-95 '59. (MIRA 13:10)
(Pipe, Clay)

SHCHEPILOV, N. S.

Cand Tech Sci - (diss) "Study of the effect of design characteristics of the forming part of vertical pipe presses on the efficiency of their performance." Kiev,1961. 20 pp; (Ministry of Higher and Secondary Specialist Education Ukrainian SSR, Kiev Order of Lenin Polytechnic Inst); 120 copies; free; (KL, 6-61 sup, 229



[illegible] tubing at glass tubings. Biul. tekh.-inform. [illegible]-issl. inst. mashin. i tekh. inform 18 (MIRA 18:9)
[illegible] '65.

LIVSON, M.A.; SHCHERBILOV, N.S.; LISOVAYA, Ye.D.; KOZLOVA, Ye.I.

Electric rotating furnace with cryptol resistors. Zav. lab. 31 no.11:1417 '65. (MIRA 19:1)

1. Khar'kovskiy politekhnicheskiy institut imeni Lenina.

ZOLOTUKHIN, V.F.; SHCHEPILOV, P.S.; SOBOLEV, G.P.

Fixed vibration screen with annular motion. Trudy KhPI 31 no.1:85-90 '59. (MIRA 13:10)

(Vibrators)

SHCHEPILOVA, Yu. K.

TOPCHIYEV, A.V., inzhener, laureat Stalinskoy premii; KHORIN, V.N., inzhener laureat Stalinskoy premii; SHCHEPILOVA, Yu.K.

Mechanization of coal haulage in West Germany, England, and Holland. Mekh.trud.rab. 9 no.4:42-46 Ap '55. (MLRA 8:7)
(Europe, Western--Coal mining machinery)

SHCHEPIN, A.)

USPENSKIY, I., inzhener; Shchepin, A., inzhener.

A book needing improvement: "Trucks." IA. Nesvitskii. Reviewed by I. Uspenskii and A. Shchepin. Avt.transp.32 no.10:39 O '54. (Motor trucks) (Nesvitskii, Ia.) (MLRA 7:12)

SHCHEPIN, G.A. [Shchepin, H.A.]

Business relations of therapeutic and prophylactic institutions with pharmacies. Farmatsev.zhur. 17 no.4:65-67 '62.
(MIRA 16:3)

1. Golovniy likar likarni s. Mikolaivki, Donets'koi oblasti.
(PHARMACY) (MEDICAL CARE)

IVANOVA, Yekaterina Pavlovna; SEROVA, Zinaida Yakovlevna; SHCHEPIN, Lev Nikolayevich; SELIVERSTOVA, R.L., red.

[Short collection of recipes for dishes and culinary products for the preparation of food for public eating establishments] Kratkii sbornik retseptur bliud i kulinarnykh izdelii dlia predpriiatii obshchestvennogo pitaniia. Moskva, Ekonomika, 1964. 296 p.
(MIRA 18:6)

1, SHCHERIN, M. I., Eng.

2. USSR (600)

4. Peat Industry

7. Diminishing the freezing of peat deposits, and the removal of the frozen layer in bottom peat production areas. Torf. prom. 29 no. 10. '52.

9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

SHCHEPIN, ENG. M. I.

Peat Industry

Removal of bottom peat by UKB-TUM machine units on fields with an open drainage system. Torf. prom. 30 no. 2, 1953

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

SIDOROV, N.A., inzhener; SHCHEPIN, M.I., inzhener; GURILEV, A.M., inzhener; ANDRZHEYEVSKIY, A.M., inzhener.

Results of the operation of DTU-4 machines in 1953. Torf.prom.31 no.1: 5-9 Ja '54. (MLRA 7:1)

1. Torfopredpriyatiye "Vasil'yevskiy mokh" (for Sidirov). 2. Baksheyevskoye torfopredpriyatiye (for Shchepin). 3. Sitnikovskoye torfopredpriyatiye (for Gurilev). 4. Orekhovskoye torfopredpriyatiye (for Andrzheyevskiy).

(Peat industry)

SHCHEPIN, M.I., inzhener.

Mechanized peat winning in turn-over strips of UKB-TUM machine outfits. Torf.prom. 31 no.7:14-15 '54. (MLRA 7:11)

1. Baksheyevskoye torfopredpriyatiye.
(Peat machinery)

YEL'YASHEVICH, M.G.; ZOZULYA, I.I.; SHTEYNBERG, I.Ye.; SERGEYEV, A.P.; LOKSHIN, M.A.; SHCHEPIN, N.N.

Increasing the efficiency of slurry flotation. Koks i khim. no.9: 18-19 '63. (MIRA 16:9)

1. Donetskiy politekhnicheskiy institut (for Yel'yashevich, Zozulya, Shteynberg). 2. Makeyevskiy koksokhimicheskiy zavod (for Sergeyev, Lokshin, Shchepin).

(Coal Preparation)

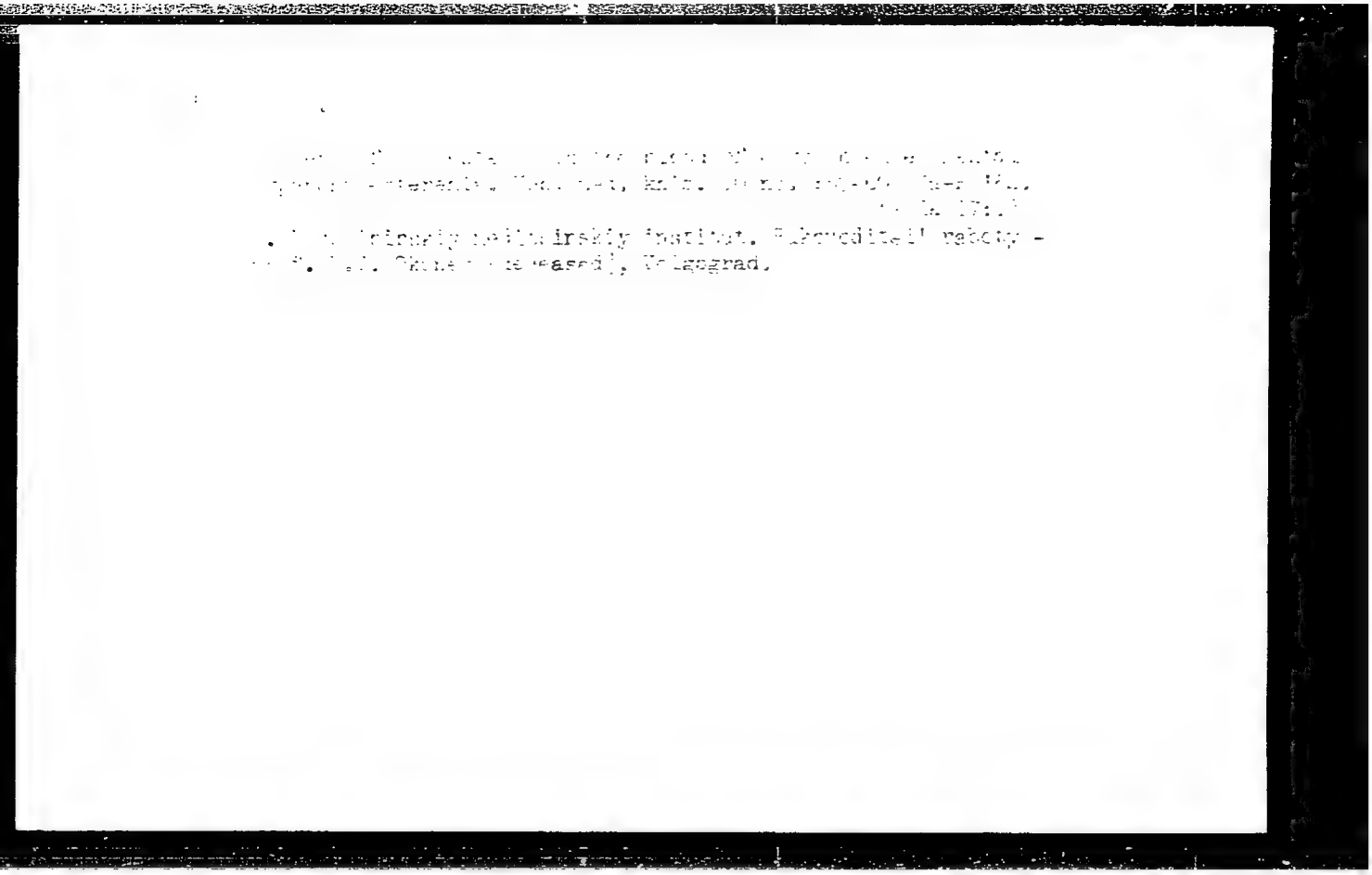
SHERIN, O.F., kand. med. nauk (Perm')

History of the medicosanitary service for the workers [illegible] lumbering industry. Trudy Perm. gos. med. inst. [illegible] 163. (MIRA 1:6)

SHCHEPIN, V.A.

Study of serum protein fractions and protein-bound cholesterol in dogs and rabbits in experimental hypercholesteremia. Ukr. biokhim.zhur. 34 no.5:688-693 '62. (MIRA 16:4)

1. Novosibirskiy meditsinskiy institut.
(BLOOD PROTEINS) (CHOLESTEROL)



ACC NR: AT6028964 SOURCE CODE: UR/0000/65/000/000/0037/0048

AUTHOR: Bespyatov, B. I.; Yurchenko, V. G.; Shchepin, V. D.

ORG: Lower-Volga Scientific Research Institute of Geology and Geophysics (Nizhnevolzhskiy nauchno-issledovatel'skiy institut geologii i geofiziki)

TITLE: Grouping of explosions in the continuous linear source method in the lower Volga region

SOURCE: Vsesoyuznyy seminar po novoy metodike seysmorazvedki. Seysmorazvedka s primeneniyem gruppirovaniya vzryvov na dlinnykh bazakh i sposoba tsentral'nykh luchey (Seismic prospecting using the grouping of shots on long bases and the method of central rays); trudy seminara. Moscow, Izd-vo Nedra, 1965, 37-48.

TOPIC TAGS: geophysics, seismic prospecting, underground explosion, seismic wave, borehole, explosion

ABSTRACT: An analysis is made of the continuous linear source method, a modification of the plane wave-front method, in which shots are grouped in long spreads with definite spread-line sizes, distances between shots, and depths. Linear-time analogs, corresponding to various observation points, are compiled for interference systems

Card 1/2

LAVRENT'YEV, A.K.; KUBAYEVSKIY, N.G.; SHCHEPIN, Ye.V.

Repairing large storage tanks without dismantling. Rats.i izobr. predl. v stroi. no.113:15-16 '55. (MLRA 9:4)
(Tanks)

SOKOLOVA, Ye.B.; SHEBALOVA, M.I.; SHCHEPINOV, S.A.

Organolithium synthesis and study of the properties of some α-alkylnaphthalenes of the composition C18 - C20. Izv.vys.ucheb.-zav.;khim.i khim.tekh. 4 no.4:617-620 '61. (MIRA 15:1)

1. Moskovskiy khimiko-tekhnologicheskiy institut imeni Mendeleyeva, kafedra tekhnologii neftekhimicheskogo sinteza.
(Lithium organic compounds) (Naphthalene)

KRUGLOV, B. I.[Kruhlov, B. I.]; ZUBOV, V. I.; SHCHEPINOV, S. A.

Preparation of methyl alcohol by catalytic hydration of dimethyl ether. Khim. prom.[Ukr.] no.1:10-13 Ja-Mr '62. (MIRA 15:10)

1. Lisichanskiy khimicheskiy kombinat.

(Methanol) (Methyl ether)

15-57-2-1551

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 2, p 53 (USSR)

AUTHOR: Shchepinskaya, N. A.

TITLE: The Kazbek Volcanic Region (Kazbekskaya vulkanicheskaya oblast')

PERIODICAL: Sb. stud. nauch. rabot po yestestv.-matem. tsiklu. Mosk. obl. ped. in-t, 1956, Vol 1, pp 84-92

ABSTRACT: After a popular discussion on the geologic structure of the Kazbek Mountain region, the author gives a brief report on the development of the volcanic center and, in more detail, a description of the distribution of the lava flows. He describes each flow briefly and the present state of the volcano, and notes the presence of mineral springs.

S. P. B.

Card 1/1

SHCHEPINSKIY, A.A.

USSR/ Meterorology

Card 1/1 Pub. 86 - 25/40

Authors : Shaposhnikov, L. K. Cand. of Biolog. Sc., and Shchepinskiy, A. A.

Title : Large hail

Periodical : Priroda 3, page 109, Mar 1954

Abstract : Brief reports are given on large hail storms (diameter of hail from 4 - 7.5 cm), which took place in various parts of the USSR.

Institution : .....

Submitted : .....

SHCHEPINSKIY, A.A.

Finds of Unio mussels in the Salgir Valley near Simferopol in 1953-1954. Trudy Inst.min.resur.AN URSR no.1:29-30 '59. (MIRA 12:8)

(Salgir Valley--Unionidae)

SHCHEPINSKIY, A.A.

The underground karst form near Simferopol. Izv.Krym.otd.Geog. ob-va no.4:102-104 '57. (MIRA 14:8)
(Simferopol District—Karst)

DOLGOVSKIY, Oleg Ivanovich; SHCHEPINSKIY, Askol'd Aleksandrovich; DUBLYANSKIY, Viktor Nikolayevich; GONCHAROV, Vladilen Petrovich; IVANOV, Boris Nikolayevich, kand. geogr. nauk; SOLOMONIK, E.I., kand. ist. nauk, obshchestvennyy red.; YARMYSH, Yu., red.; ISUPOVA, N., tekhn. red.

[How secrets are revealed; sketches on Krasnopeshchernaya] Kak raskryvaiutsia tainy; ocherki o Krasnykh peshcherakh. Simferopol', Krymizdat, 1962. 108 p. (MIRA 15:11)
(Crimea--Caves)

L 06142-67 EWT(1) GW

ACC NR: AR6019787 SOURCE CODE: UR/0270/66/000/002/0008/0008

AUTHOR: Pilonenko, A.S.; Shchepitsyn, N.G.

TITLE: Manual for higher geodesy investigation of high precision geodetic instruments. Text for geodetic VUZ's and FAC's

SOURCE: Ref. zh. Geod, Abs. 2.52.58K

REF SOURCE: Praktikum po vysshey geodezii. Issledovaniye vysokotochnykh geodezicheskikh instrumentov. Uchebn. posobiye dlya geodezich. vuzov i fak. M., Nedra, 1965, 400 str.

TOPIC TAGS: geodetic instrument, geodetic instrument manual, theodolite, optical theodolite, level instrument/NA level instrument, NB level instrument

ABSTRACT: A text for students of geodetic VUZ's on the investigation of geodetic instruments. Contains description of design, checking, and methods of instrument investigation used in precise measurements. Text is divided into six chapters: 1. Geodetic theodolites with screw micrometers and their check-out; 2. Laboratory investigations of theodolites with screw micrometers; 3. Optical theodolites; 4. Investigation of optical theodolites; 5. Description and checkout of high precision levels NA and NB, with plane parallel plate; 6. Laboratory and field investigations of high precision levels NA and NB. [Translation of abstract].

SUB CODE: 08

UDC: 528.5(076.5)

Card 1/1

SHCHEPKIN, A.

Studying the labor organization of related enterprises. Sots.trud. no.9:84-87 S '56. (MLRA 9:12)

1. Starshiy inzhener Ministerstva promyshlennosti stroitel'nykh materialov SSSR.
(Brick industry)